

80/565493

IP3 Rec'd PCT/PTO 20 JAN 2006

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Customer No.: 000028107

Docket No.: F-8912

Filing Date: January 20, 2006

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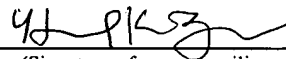
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THE COMMISSIONER FOR PATENTS

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☐ ATTN: BOX PATENT APPLICATION

☐ ATTN: BOX DESIGN PATENT APPLICATION

☒ ATTN: BOX PCT

☐ ATTN: BOX PROVISIONAL PATENT APPLICATION

☒ THIS IS THE 35 U.S.C 371 NATIONAL STAGE OF PCT/JP2004/010313 FILED

July 20, 2004

Sir:

Transmitted herewith for filing is the ☒ Utility ☐ Design ☒ nonprovisional ☐ provisional patent application of:

Inventor / Application Identifier: Toshio TAKEHARA, et al.

☐ See Inventor Information Sheet attached

For: **THERMOSYPHON DEVICE, COOLING AND HEATING DEVICE AND METHOD**

**USING THE THERMOSYPHON DEVICE, AND PLANT CULTIVATING METHOD
USING THE THERMOSYPHON DEVICE**

- ☐ This is a new patent application.
- ☒ This is the 35 U.S.C. 371 National Stage Application of the above-identified PCT Application.
- ☐ This is a provisional patent application.
- ☐ This is a: ☐ Continuation Application
☐ Divisional Application
☐ Continuation-in-Part Application
of prior Application Serial No. _.
- ☐ Cancel in this application original claims ___ of the prior application before calculating the filing fee.
- ☐ Amend the specification by inserting before the first line the sentence:
-- This is a ☐ Continuation, ☐ Divisional, ☐ Continuation-in-part, of Application
- ☐ Incorporation By Reference. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

| | | |
|-------------------------------------|--|--|
| ENCLOSED ARE THE FOLLOWING: | | |
| <input checked="" type="checkbox"/> | 5 | Sheets of drawings ([x] formal [] informal size A4). |
| <input checked="" type="checkbox"/> | 42 | Pages of specification including abstract and claims. |
| <input checked="" type="checkbox"/> | 47 | Total pages. |
| <input checked="" type="checkbox"/> | Combined Declaration and Power of Attorney | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Newly executed |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Copy from prior application |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Inventors deleted; see attached statement |
| <input type="checkbox"/> | Sequence Listing | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Computer Readable Copy |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Paper copy |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Statement verifying identity of above copies |

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| | |
|---|--|
| X | Return Receipt Postcard |
| X | Preliminary Amendment |
| X | Assignment to: Chikara Takehara |
| | Assignment is of record in prior application Serial No. _. |
| X | Assignment Recordation Form Cover Sheet. |
| X | Information Disclosure Statement |
| X | Information Disclosure Citation |
| | MPEP § 2001.06(b) states that in a Continuation application, a Divisional application, or a Continuation-in-Part application, "the examiner will consider the prior art cited in the earlier application" and indicate in the first Office Action whether the prior art in the related earlier application has been reviewed. Accordingly, Applicants respectfully request that the examiner consider the art cited in the parent of this instant application and indicate in the first Office Action that such prior art has been considered. |
| | English translation |
| X | Application Data Sheet |

10/565493

APPROVED 20 JAN 2006

| PRIORITY CLAIMS | | |
|-----------------|---|---|
| | | Applicant hereby claims the benefit of the filing date of the following provisional application(s) under the provision of 35 USC 119. |
| X | | Applicant hereby claims the benefit under the provisions of 35 USC 119 of the filing dates of the following applications as indicated below and which priority applications are hereby incorporated by reference in the present application: Japan Patent Appln. No. 2003-199754, filed July 22, 2003, Priority Claimed of which certified copies thereof |
| | | will follow |
| | | are enclosed |
| | X | have been filed in the International Bureau |
| | | were filed in prior application: |

| CLAIMS FILED AND FILING FEE CALCULATION | | | | | |
|---|---------------------------------|-------------|------------------------|-------|-------------|
| ITEM | — | | | Rate | Applied Fee |
| [] Basic Fee Utility | — | | | \$300 | |
| [] Search Fee Utility | | | | \$500 | |
| [] Exam. Fee Utility | | | | \$200 | |
| [] Sheet Fee Utility | Ea. Add'l 50 pgs. over 100 pgs. | | | \$250 | |
| Small Entity e-Filed Basic Fee Utility: SEE BELOW "Small Entity is Asserted." | | | | | |
| [X] Basic Fee - PCT Nat'l Stage | — | | | \$300 | \$300 |
| [X] Search Fee - PCT Nat'l Stage | 37 CFR 1.492(b)(3) | | | \$400 | \$400 |
| [X] Exam. Fee - PCT Nat'l Stage | 37 CFR 1.492(c)(2) | | | \$200 | \$200 |
| [] Sheet Fee - PCT Nat'l Stage | Ea. Add'l 50 pgs. over 100 pgs. | | | \$250 | |
| [] Basic Fee - Design | — | | | \$200 | |
| [] Search Fee Design | | | | \$100 | |
| [] Exam. Fee Design | | | | \$130 | |
| [] Sheet Fee Design | Ea. Add'l 50 pgs. over 100 pgs. | | | \$250 | |
| [] Basic Fee - Provisional | — | | | \$200 | |
| [] Sheet Fee - Provisional | Ea. Add'l 50 pgs. over 100 pgs. | | | \$250 | |
| Claim Fees | Number Filed | Base Number | Number Extra over Base | — | |
| Total Claims | 6 | 20 | 0 | \$50 | \$0 |
| Independent Claims | 2 | 3 | 0 | \$200 | \$0 |
| Multiple Dependent Claim Fee | — | | | \$360 | \$0 |
| [] Small Entity Status is Asserted | Deduct 50% of above fees | | | | (\$0) |
| [] Basic Fee Utility - e-filed and Small Entity | | | | \$75 | |
| [] Non-English Specification | — | | | \$130 | \$0 |
| TOTAL FILING FEE | | | | | \$900 |

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- [X] Payment of all fees, including the total filing fee in the amount of \$ 900 is by credit card. A form PTO-2038 is attached.
- [X] Please charge to Deposit Account No. 10-1250 any further fees due for filing or during prosecution of this application under: 37 CFR 1.16; 37 CFR 1.17; and 37 CFR 1.492.

JORDAN AND HAMBURG LLP

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and,

By T. David Bomzer
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Docket No. F-8912

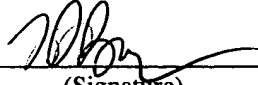
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Toshio TAKEHARA, et al.
Serial No. : (U.S. National Stage of PCT/JP2004/010313
filed July 20, 2004)
Filed : January 20, 2006
For : THERMOSYPHON DEVICE, COOLING AND
HEATING DEVICE AND METHOD USING THE
THERMOSYPHON DEVICE, AND PLANT
CULTIVATING METHOD USING THE
THERMOSYPHON DEVICE
Customer No. : 000028107

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T. David Bomzer
(Name)


(Signature)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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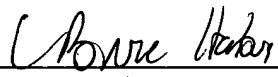
F-8912

Ser. No.


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Respectfully submitted,

Jordan and Hamburg LLP

By 
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and,

By 
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